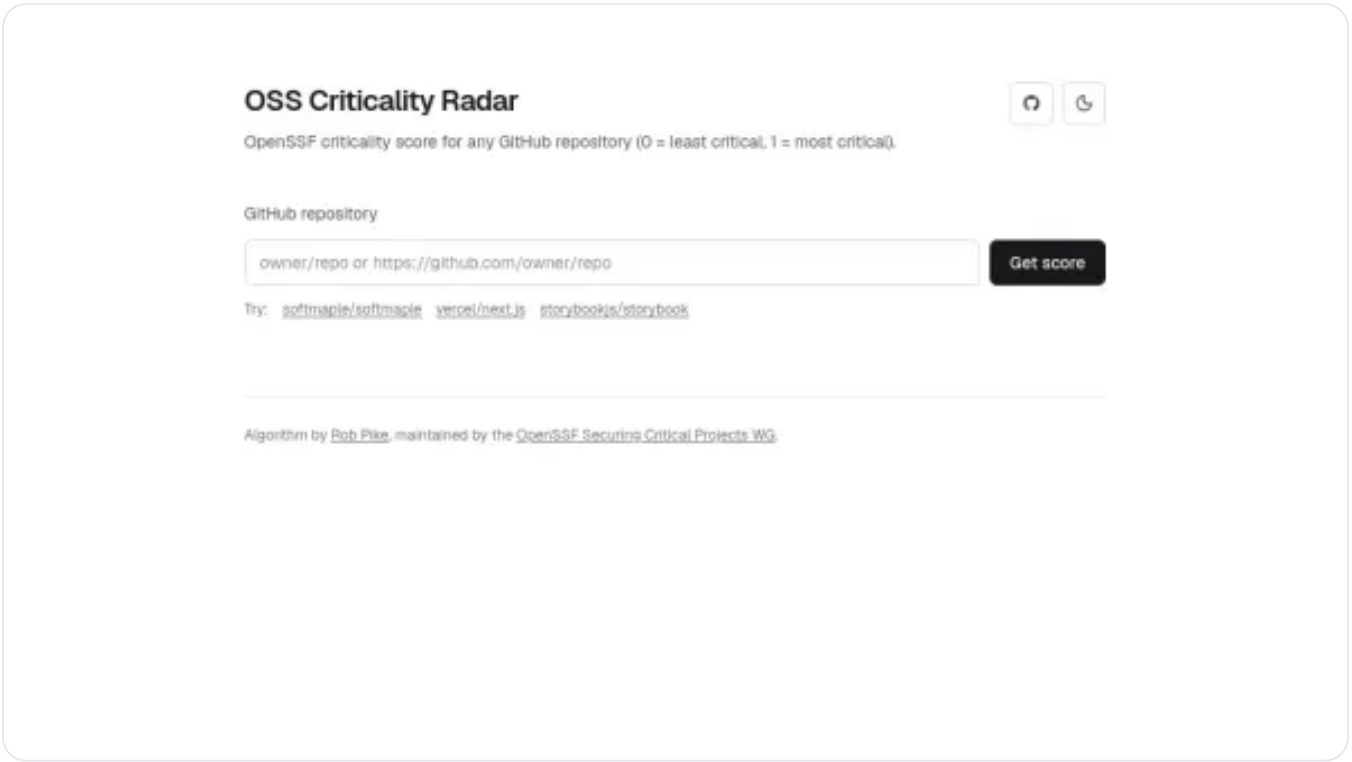
OSS Criticality Radar

Calculate the OpenSSF criticality score for a GitHub repo and inspect the underlying signals.


OSS Criticality Radar
OpenSSF criticality score for any GitHub repository (0 = least critical, 1 = most critical).
GitHub repository
owner/repo or https://github.com/owner/repo
Get score
Try: softmaple/softmaple vercel/next.js storybookjs/storybook
Algorithm by Rob Pike, maintained by the OpenSSF Securing Critical Projects WG.

About

OSS Criticality Radar is an OpenSSF criticality score lookup for any GitHub repository. Paste an owner/repo path or a GitHub URL, and the app returns the score plus a signal breakdown so you can quickly compare repo criticality on the 0-to-1 OpenSSF scale.

What is OSS Criticality Radar

OSS Criticality Radar is an OpenSSF criticality score lookup for GitHub projects. It takes a repository identifier in either owner/repo form or a full GitHub URL, then calculates the OpenSSF criticality score on the 0 = least critical to 1 = most critical scale. That makes it

The app is built for fast checks when you want to understand how central a repository may be in the open source ecosystem. It also exposes a signal breakdown, which helps separate the final criticality score from the inputs behind it. The site notes that the algorithm is by Rob Pike and that it is maintained by the OpenSSF Securing Critical Projects Working Group.

Key features

- Accepts either `owner/repo` text or a GitHub repository URL, so you can use the criticality score lookup with the format you already have.
- Returns a numeric criticality score on the OpenSSF 0 to 1 scale.
- Shows a signal breakdown alongside the score, which makes the criticality score easier to interpret.
- Focuses on GitHub repositories only, so the app stays narrow and fast.
- Uses a simple search-and-result flow with a single "Get score" action.
- Includes example repositories such as `softmaple/softmaple`, `vercel/next.js`, and `storybookjs/storybook`.

Because it is a dedicated criticality score tool, the interface is minimal. You are not asked to create an account or manage a project list based on the available site copy, and the main workflow is centered on one repository at a time.

How to use it

- Copy a GitHub repository identifier in `owner/repo` form, or copy the full repository URL.
- Paste it into the GitHub repository field on the page.
- Click **Get score**.
- Review the criticality score and the signal breakdown shown by the app.
- Use the score as a starting point for triage, reporting, or comparison with other repositories.

If you are testing the criticality score lookup, the sample repositories on the page are a quick way to see how the app behaves before entering your own target. That is useful

Who it is for

OSS Criticality Radar is useful for people who need a quick criticality score lookup without building their own pipeline.

- Open source maintainers who want to understand how a repo might be ranked by the OpenSSF criticality model.
- Security and platform teams that review dependency risk and project centrality.
- Researchers and analysts comparing repository importance across GitHub.
- Contributors who want a fast way to inspect the criticality score before opening an issue or making a recommendation.

The app is especially practical when you need a lightweight criticality score tool for one-off checks. It is less useful if you need bulk analysis, historical tracking, or a custom scoring workflow.

What to know before you use it

The criticality score is only one signal, not a full security or maintenance assessment. A high score does not prove that a project is secure, well maintained, or suitable for every dependency decision, and a low score does not mean a repository is unimportant.

A few limits are worth keeping in mind:

- The app works with GitHub repositories, so it is not a general source for GitLab, Bitbucket, or other hosts.
- The score is computed from the OpenSSF criticality model, so it may not match your internal prioritization rules.
- The signal breakdown explains the output, but it does not replace a manual review of the repository itself.
- For policy decisions, supply-chain reviews, or incident work, use the official repository, package metadata, and your own operational data alongside the criticality score lookup.

In practice, OSS Criticality Radar is best used as a fast first pass. For GitHub-only checks, it gives you the OpenSSF criticality score and supporting signals in one place, but you should still verify important decisions against authoritative sources and current

FAQ

What is the OpenSSF criticality score?

Is OSS Criticality Radar free to use?

What is OSS Criticality Radar?

What repositories can I check with OSS Criticality Radar?

How does it calculate the criticality score?

What do I paste into the tool?

Does it work on non-GitHub repositories?

How is the criticality score calculated?

What do the score and signal breakdown represent?

What does the score mean?

Who should use this tool?

Who should use this criticality score lookup?

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Launched	Aug 2026
Updated	15 days ago
Verified	1 months ago

TAGS

github # criticality-score # criticality # openssf # dependency-analysis # developer-tools # open source # repository-analysis # security # analytics

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